



Wind Power Classification

Wind Power Class	Resource Potential	Wind Power Density at 50m W/m ²	Wind Speed ^a at 50 m m/s
1	Poor	0 - 200	0.0 - 4.4
2	Marginal	200 - 300	4.4 - 5.0
3	Fair	300 - 400	5.0 - 5.5
4	Good	400 - 500	5.5 - 5.9
5	Excellent	500 - 600	5.9 - 6.3
6	Outstanding	600 - 800	6.3 - 7.0
7	Superb	> 800	> 7.0

^a Wind speeds are based on an elevation of 2000 m and a Weibull k value of 1.1.

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0 10 20 40 60
Kilometers

Bhutan - 50m Wind Power



Department of Energy, Ministry of
Economic Affairs,
Royal Government of Bhutan



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